

Q64974 Appln. No.: 09/883,448

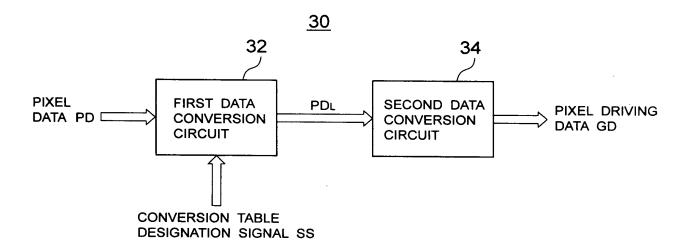
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FIG.2



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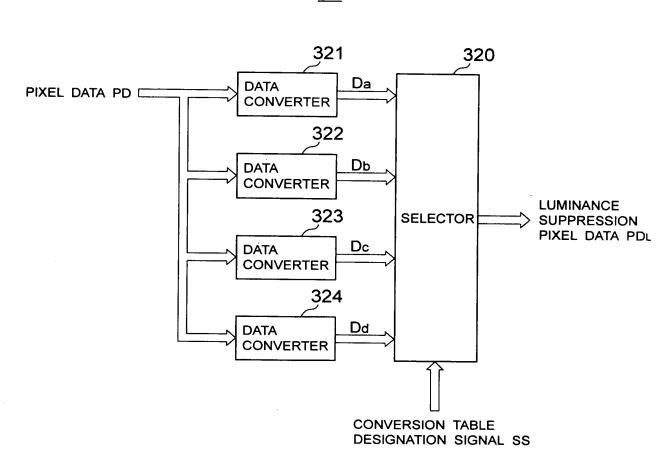
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FIG.3

<u>32</u>



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### FIG.5

#### [SELECTIVE ERASE]

[SELECTIVE ERASE]														
GRADATION	•	CONVER SECOND CONVER	Ά			LIGHT EMISSION DRIVING PATTERN				LUMINANCE				
		PDL	1	G 2	D 3	4	SF 1	SF 2	SF 3	SF 4	Α	В	С	D
	1	000	1	1	1	1	•	•	•	•	0	0	0	0
	2	001	0	1	1	1	0	•	•	•	20	28	12	4
	3	010	0	0	1	1	0	0	•	•	72	88	56	40
	4	011	0	0	0	1	0	0	0	•	156	180	132	108
	5	100	0	0	0	0	0	0	0	0	272		240	208

BLACK CIRCLE: SELECTIVE ERASE DISCHARGE (LIGHT NON-EMISSION)

WHITE CIRCLE: SUSTAIN DISCHARGE (LIGHT EMISSION)

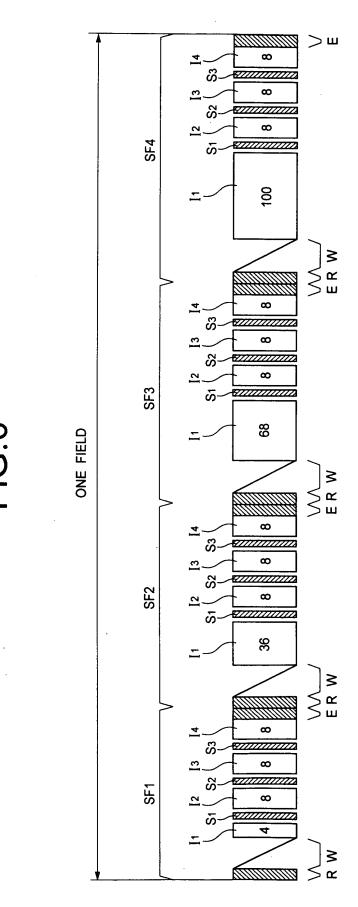
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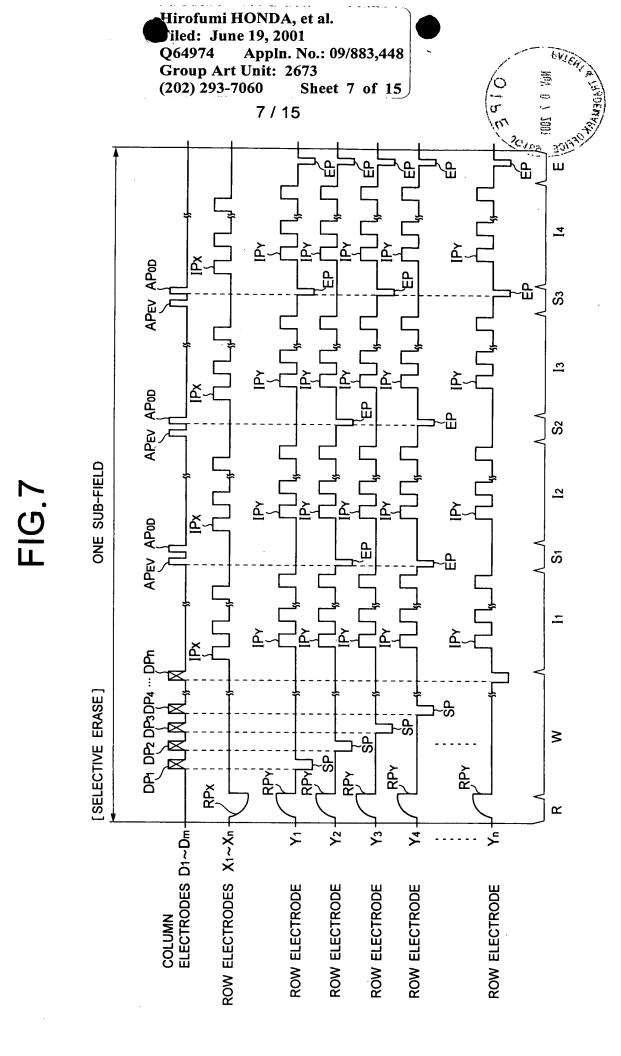
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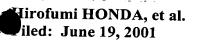
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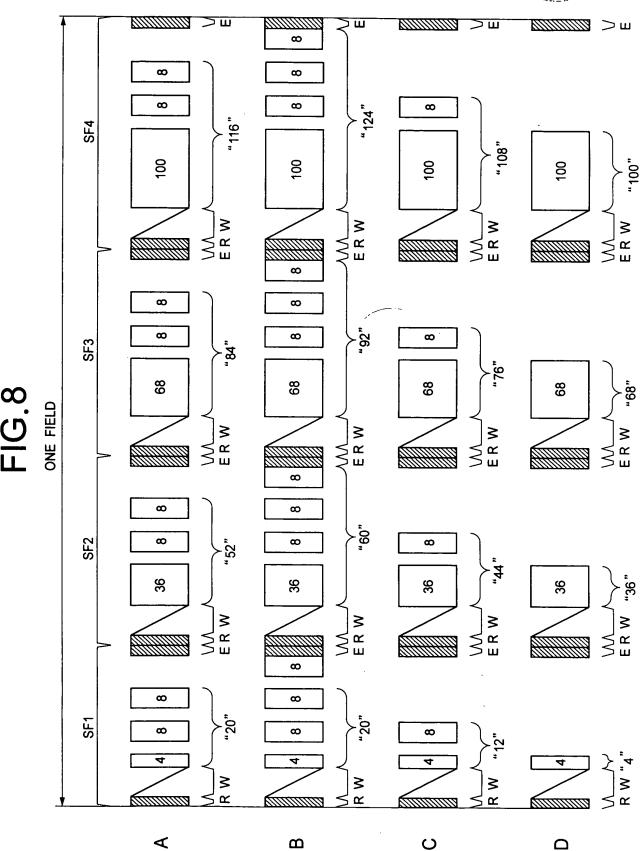


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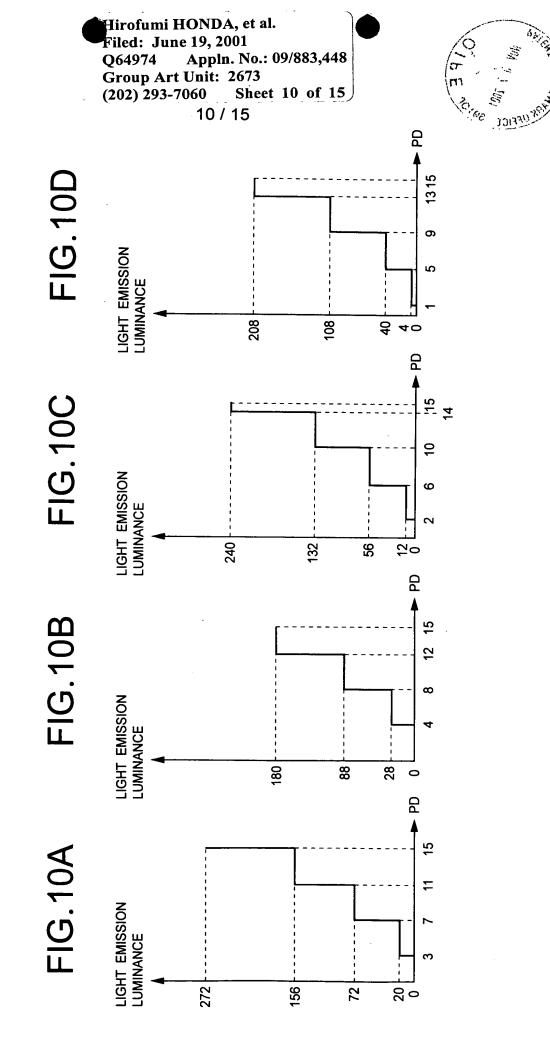
(ROW)

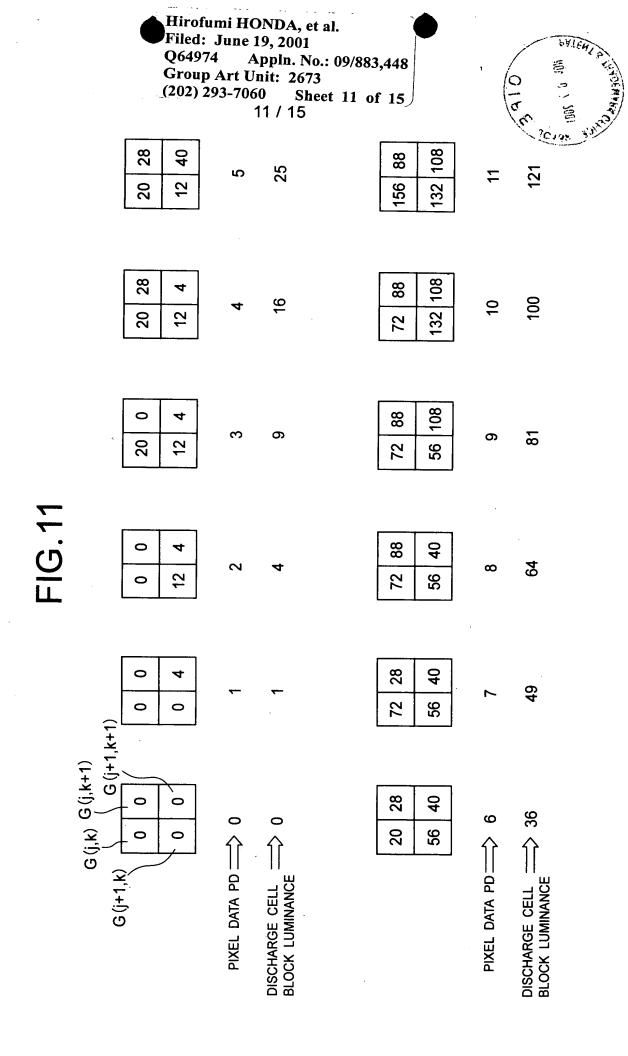
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# FIG.9

1	2	3	4	· · · · (COLUMN)
Α	В	· A	В	_
С	D	С	D	
Α	В	Α	В	
С	D	С	D	
	C	A B C D A B	A B A C D C A B A	A B A B C D C D A B A B





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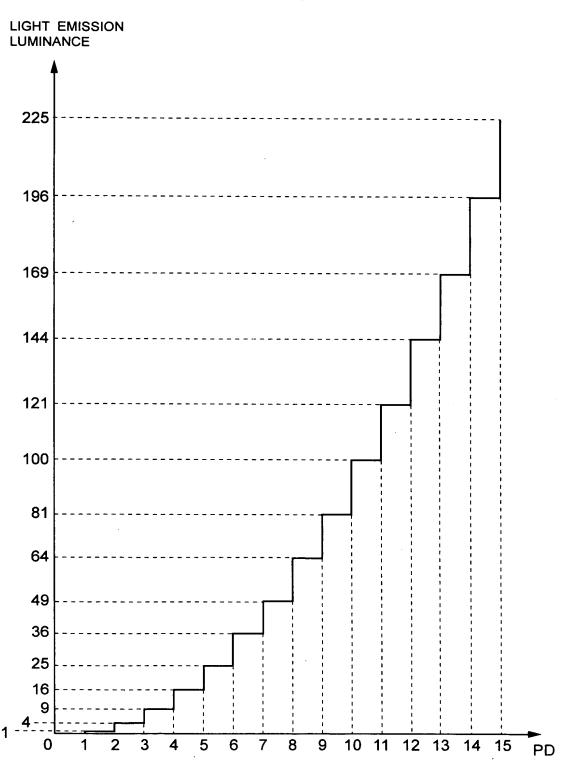
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FIG.12



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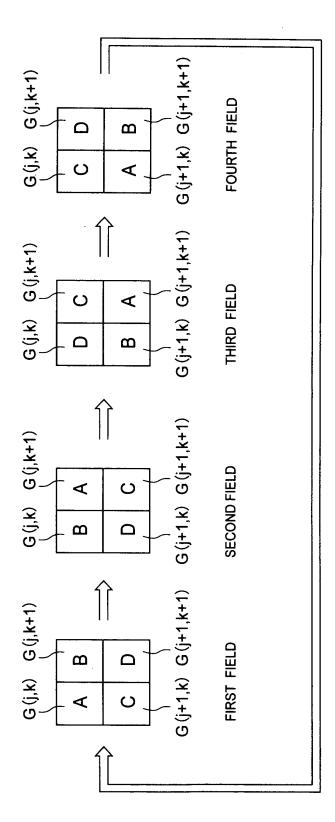


FIG.13

Hirofumi HONDA, et al. Filed: June 19, 2001 Q64974 Appln. No.: 09/883,448 Group Art Unit: 2673 1015 \ 3 YGH (202) 293-7060 Sheet 14 of 15 14 / 15 ш 7 ₫ APEV APop سُ S <u>П</u> 13 APEV AP0D **S**2 Ë ONE SUB-FIELD 12 <u>M</u> ₫. APod လ -<u>Ā</u> ₹ DP. DP2 DP3DP4 ... DPn [SELECTIVE ERASE] ⋛ \_\_გ ŀ-gs EP. RPY ĭ COLUMN ELECTRODES D1~Dm ROW ELECTRODES X1~Xn ROW ELECTRODE ROW ELECTRODE ROW ELECTRODE ROW ELECTRODE ROW ELECTRODE

FIG.14

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## FIG.15

#### [SELECTIVE WRITE]

GRADATION		CONVER SECOND CONVER	DAT	Ά			LIGHT EMISSION DRIVING PATTERN				LUMINANCE			
		PDL	1	G 2	D 3	4	SF 1	SF 2	SF 3	SF 4	Α	В	С	D
	1	000	0	0	0	0					0	0	0	0
	2	001	1	0	0	0	0				20	28	12	4
	3	010	1	1	0	0	0	0			72	88	56	40
	4	011	1	1	1	0	0	0	0		156	180	132	108
	5	100	1	1	1	1	0	0	0	0	272		240	208